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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT NO.		25X1
SUBJECT	Zentrales Schiffbau, Projekt- und Konstruktionsbuero	DATE DISTR.	19 January 1954	
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PLACE ACQUIRED		REFERENCES		

- 25X1 1. The offices of the Zentrales Schiffbau, Projekt-u. Konstruktionsbuero, which is called "Kobue", are situated in Berlin/Koepenick, Seelenbinderstr. 129. Kobue is directly responsible to the Ministerium fuer Transport- und Landmaschinenbau, HV Schiffbau, Berlin, Leipzigerstr. It has three branch offices:
- Konstruktionsbuero, Warnemuende, Strandstr.
 - Werftplannungsbuero, Berlin/Koepenick, Bahnhofstr.
 - Buero fuer Schleppversuche, Karlshorst, Stuehlingerstr. 6.
2. The chief technician of Kobue, which is also known as the Zentral-Konstruktions-Buero (ZKB), is Ing. Heise. Ing. Werner Franz of the Warnemuende office, Ing. Henschke of the Karlshorst office, and Dipl. Ing. Wagner of the Koepenick office, are all directly responsible to Heise. Kobue employs approximately 150 construction engineers and draftsmen.
3. Kobue accepts only contracts which are arranged and approved by the Ministerium fuer Transport- und Landmaschinenbau, HV Schiffbau. The Ministry has records of all East German shipyards showing the capacity and present status of each yard. It is the duty of the Ministry to allocate work to each yard. Kobue is ordered to prepare the drawings and work out the technical details of the projects. After calculating costs, Kobue presents the shipyard with a bill which the shipyard must pay. In other words, although Kobue works under the direction of the Ministry, it is the shipyard which pays for that work.
4. Kobue is responsible for:
- Determining the necessary raw materials, preparing the site for the building project, deciding on the ships dimensions.
 - Complete blue prints (general plan, machine room plan, stability plan, speed and stress plan).
 - Deciding if the theoretical work, described in 4. b., is a practical proposition. In other words, once the design of a particular ship has been approved, calculations must be made to determine if the

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shipyard, which has been chosen to build the ship, is, in fact, able to do the job.

- d. Maintaining very close liaison with the yard during the actual building of the ship.

5. Kobue is divided into the following departments:

a. Schiffbau:

- (1) Projektteilung.
- (2) Berechnungsabteilung.
- (3) Eisenschiffbau.
- (4) Einrichtung und Ausruestung.

b. Maschinenbau:

- (1) Hauptmaschinen.
- (2) Hilfsmaschinen und Deckshilfsmaschinen.
- (3) Elektrotechnik.
- (4) Kesselbau.

6. The Projektteilung, which is composed of specialists, is the department in which the scheme first takes shape. The plan then passes to the Berechnungsabteilung; speed, stability, streamlining, buoyancy, are worked out with details of launching. The Eisenschiffbauabteilung determines the type of metal to be used and produces the necessary blue prints. The architects of the Einrichtung und Ausruestung plan cabin accommodations, the holds, winches, derricks, life boats, and anchors. The Abteilung Hauptmaschinen is responsible for the type of engines used, size, shape and number of propellers, gears, etc. The machines are actually constructed by the company to which the order is given. In practice, orders for new types of engines are seldom given. The main job of this department is to decide which engines, in current use, are most suitable for the project. The work of the three remaining departments is similar to that of Abteilung Hauptmaschinen, the first deals with auxiliary engines, the second with electrical equipment, and the last with boilers.

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